

Table K2. - Soil Features

Esmeralda County Area, Nevada

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
100: Unsel	---	---	---	---	0	---	Low	High	Low
Belted	Duripan	6-14	4-17	---	0	---	Low	High	Low
Orphant	Duripan	14-20	---	---	0	---	Low	High	Low
101: Unsel	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
103: Unsel	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
Silverbow	Duripan	8-14	4-17	---	0	---	Low	High	Low
105:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
105: Unsel	---	---	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
106: Unsel	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Terlco	---	---	---	---	0	---	Low	High	Moderate
108: Unsel	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
109: Unsel	---	---	---	---	0	---	Low	High	Low
Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
109: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
110: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
111: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
112: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
115: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
115: Rock Outcrop	---	---	---	---	---	---	---	---	---
Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
120: Leo	---	---	---	---	0	---	Low	High	Low
Belcher	Duripan	5-18	4-17	---	0	---	Low	High	Low
	Bedrock (paralithic)	10-20	---	---					
121: Leo	---	---	---	---	0	---	Low	High	Low
Ardivey	---	---	---	---	0	---	Low	High	Low
122: Leo	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
124: Leo	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
124: Koyen	---	---	---	---	0	---	Low	High	Low
126: Leo	---	---	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
127: Leo	---	---	---	---	0	---	Low	High	Low
Unsel	---	---	---	---	0	---	Low	High	Low
Belcher	Duripan	5-18	4-17	---	0	---	Low	High	Low
	Bedrock (paralithic)	10-20	---	---					
128: Leo	---	---	---	---	0	---	Low	High	Low
Stonell	---	---	---	---	0	---	Low	High	Low
130:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
130: Belcher	Duripan	5-18	4-17	---	0	---	Low	High	Low
	Bedrock (paralithic)	10-20	---	---					
Timper	Duripan	10-20	---	---	0	---	Low	High	Low
Noyson	Duripan	20-36	4-17	---	0	---	Low	High	Low
131: Belcher	Duripan	5-18	4-17	---	0	---	Low	High	Low
	Bedrock (paralithic)	10-20	---	---					
Playas	---	---	---	---	0	---	None	High	High
Yomba	---	---	---	---	0	---	Low	High	Low
140: Stumble	---	---	---	---	0	---	Low	High	Low
141: Stumble	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
141: Belcher	Duripan	5-18	4-17	---	0	---	Low	High	Low
	Bedrock (paralithic)	10-20	---	---					
Izo	---	---	---	---	0	---	Low	High	Low
142: Leo	---	---	---	---	0	---	Low	High	Low
Stumble	---	---	---	---	0	---	Low	High	Low
144: Stumble	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Unsel	---	---	---	---	0	---	Low	High	Low
145: Stumble	---	---	---	---	0	---	Low	High	Low
Luning	---	---	---	---	0	---	Low	High	Low
151:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
151: Kawich	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	0	---	None	High	High
160: Yomba	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	0	---	None	High	High
Youngston	---	---	---	---	0	---	Low	High	Moderate
161: Yomba	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
162: Yomba	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	0	---	None	High	High

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
162: Youngston	---	---	---	---	0	---	Low	High	Moderate
163: Kawich	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	0	---	None	High	High
Yomba	---	---	---	---	0	---	Low	High	Low
164: Yomba	---	---	---	---	0	---	Low	High	Low
Kawich	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	---	---	---	---	---
165: Yomba	---	---	---	---	0	---	Low	High	Low
Belcher	Duripan	5-18	4-17	---	0	---	Low	High	Low
	Bedrock (paralithic)	10-20	---	---					

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
165: Playas	---	---	---	---	---	---	---	---	---
180: Youngston	---	---	---	---	0	---	Low	High	Moderate
Playas	---	---	---	---	0	---	None	High	High
190: Terlco	---	---	---	---	0	---	Low	High	Moderate
Wardenot	---	---	---	---	0	---	Low	High	Low
191: Terlco	---	---	---	---	0	---	Low	High	Moderate
Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
193: Terlco	---	---	---	---	0	---	Low	High	Moderate
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
193: Wardenot	---	---	---	---	0	---	Low	High	Low
194: Terlco	---	---	---	---	0	---	Low	High	Moderate
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Wardenot	---	---	---	---	0	---	Low	High	Low
195: Terlco	---	---	---	---	0	---	Low	High	Moderate
Lathrop	---	---	---	---	0	---	Low	High	Low
Lyda	Duripan	8-14	4-17	---	0	---	Low	High	Low
196: Terlco	---	---	---	---	0	---	Low	High	Moderate
Unsel	---	---	---	---	0	---	Low	High	Low
Lathrop	---	---	---	---	0	---	Low	High	Low

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Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
200: Zadvar	Duripan	10-14	4-17	---	0	---	Moderate	High	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
201: Zadvar	Duripan	10-14	4-17	---	0	---	Moderate	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
Lyda	Duripan	8-14	4-17	---	0	---	Low	High	Low
203: Zadvar	Duripan	10-14	4-17	---	0	---	Moderate	High	Low
Armespan	---	---	---	---	0	---	Moderate	High	Low
Wrango	---	---	---	---	0	---	Low	High	Low
211: Lomoine	Bedrock (lithic)	4-14	---	---	0	---	Moderate	High	Low
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
211: Rock Outcrop	---	---	---	---	---	---	---	---	---
220: Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
221: Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
222: Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
224: Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Ardivay	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
224: Leo	---	---	---	---	0	---	Low	High	Low
225: Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Tomel	Duripan	10-20	4-17	---	0	---	Low	High	Low
230: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
231: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

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Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
232: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
233: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
234: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
235: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
235: Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
236: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
237: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
238: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
238:									
Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
239:									
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
240:									
Settlement	---	---	---	---	0	---	High	High	High
Aquic Calciorthids	---	---	---	---	0	---	High	High	Low
Typic Calciaquolls	---	---	---	---	0	---	High	High	Low
250:									
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
250: Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
251: Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
252: Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
253: Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

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Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
254: Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
270: Lathrop	---	---	---	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
271: Lathrop	---	---	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
272: Lathrop	---	---	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
Zadvar	Duripan	10-14	4-17	---	0	---	Moderate	High	Low

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Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
273: Lathrop	---	---	---	---	0	---	Low	High	Low
Terlco	---	---	---	---	0	---	Low	High	Moderate
Izo	---	---	---	---	0	---	Low	High	Low
276: Lathrop	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Lyda	Duripan	8-14	4-17	---	0	---	Low	High	Low
278: Lathrop	---	---	---	---	0	---	Low	High	Low
Belted	Duripan	6-14	4-17	---	0	---	Low	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
280: Tognoni	Bedrock (lithic)	5-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
280:									
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Tognoni	Bedrock (lithic)	5-14	---	---	0	---	Low	High	Low
281:									
Tognoni	Bedrock (lithic)	5-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
282:									
Tognoni	Bedrock (lithic)	5-14	---	---	0	---	Low	High	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
290:									
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
290:									
Rock Outcrop	---	---	---	---	---	---	---	---	---
ltme	---	---	---	---	0	---	Low	High	Low
291:									
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
294:									
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Upspring	Bedrock (lithic)	4-14	---	---	0	---	None	High	Low
295:									
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Thike	Bedrock (lithic)	5-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

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Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
300: ltme	---	---	---	---	0	---	Low	High	Low
ltme	---	---	---	---	0	---	Low	High	Low
301: ltme	---	---	---	---	0	---	Low	High	Low
302: ltme	---	---	---	---	0	---	Low	High	Low
Luning	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
304: ltme	---	---	---	---	0	---	Low	High	Low
ltme	---	---	---	---	0	---	Low	High	Low
310: Gynelle	---	---	---	---	0	---	Low	High	Low
Oricto	---	---	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
311:									
Gynelle	---	---	---	---	0	---	Low	High	Low
Cirac	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
312:									
Gynelle	---	---	---	---	0	---	Low	High	Low
Gynelle	---	---	---	---	0	---	Low	High	Low
Oricto	---	---	---	---	0	---	Low	High	High
313:									
Gynelle	---	---	---	---	0	---	Low	High	Low
Luning	---	---	---	---	0	---	Low	High	Low
Gynelle	---	---	---	---	0	---	Low	High	Low
314:									
Gynelle	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
314: Cirac	---	---	---	---	0	---	Low	High	High
Oricto	---	---	---	---	0	---	Low	High	High
316: Gynelle	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
317: Gynelle	---	---	---	---	0	---	Low	High	Low
Oricto	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
321: Oricto	---	---	---	---	0	---	Low	High	High
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Gynelle	---	---	---	---	0	---	Low	High	Low

323:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
323: Oricto	---	---	---	---	0	---	Low	High	High
Terlco	---	---	---	---	0	---	Low	High	Moderate
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
326: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Oricto	---	---	---	---	0	---	Low	High	High
Gynelle	---	---	---	---	0	---	Low	High	Low
327: Oricto	---	---	---	---	0	---	Low	High	High
Gynelle	---	---	---	---	0	---	Low	High	Low
331: Candelaria	---	---	---	---	0	---	Low	High	High
Gynelle	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
331: Izo	---	---	---	---	0	---	Low	High	Low
334: Candelaria	---	---	---	---	0	---	Low	High	High
Izo	---	---	---	---	0	---	Low	High	Low
340: Zaba	---	---	---	---	0	---	Low	High	Low
341: Zaba	---	---	---	---	0	---	Low	High	Low
Gynelle	---	---	---	---	0	---	Low	High	Low
342: Zaba	---	---	---	---	0	---	Low	High	Low
Slaw	---	---	---	---	0	---	Moderate	High	High
Yomba	---	---	---	---	0	---	Low	High	Low
350:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
350: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Oricto	---	---	---	---	0	---	Low	High	High
Wardenot	---	---	---	---	0	---	Low	High	Low
351: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
352: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Wardenot	---	---	---	---	0	---	Low	High	Low
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
353: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
353: Stumble	---	---	---	---	0	---	Low	High	Low
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
354: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Stumble	---	---	---	---	0	---	Low	High	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
355: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Gullied Land	---	---	---	---	---	---	---	---	---
356: Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
356: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
360: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
361: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
362: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

363:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
363: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Silverbow	Duripan	8-14	4-17	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
364: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
365: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
367:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
367:									
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
368:									
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Upspring	Bedrock (lithic)	4-14	---	---	0	---	None	High	Low
369:									
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
370:									
Rustigate	---	---	---	---	0	---	High	High	Low
Louderback	---	---	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
370: Cirac	---	---	---	---	0	---	Low	High	High
371: Rustigate	---	---	---	---	0	---	High	High	Low
Slaw	---	---	---	---	0	---	Moderate	High	High
Playas	---	---	---	---	0	---	None	High	High
Typic Halaquepts	---	---	---	---	---	---	---	---	---
372: Rustigate	---	---	---	---	0	---	High	High	Low
Rustigate	---	---	---	---	0	---	High	High	Low
Nuyobe	---	---	---	---	0	---	High	High	High
Settlement	---	---	---	---	0	---	High	High	High
Fluvaquentic Haplaquolls	---	---	---	---	---	---	---	---	---
373:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
373: Rustigate	---	---	---	---	0	---	High	High	Low
Kawich	---	---	---	---	0	---	Low	High	Low
Cirac	---	---	---	---	0	---	Low	High	High
380: Nuyobe	---	---	---	---	0	---	High	High	High
Rustigate	---	---	---	---	0	---	High	High	Low
Playas	---	---	---	---	0	---	None	High	High
390: Noyson	Duripan	20-36	4-17	---	0	---	Low	High	Low
Stumble	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
391: Noyson	Duripan	20-36	4-17	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
391:									
Lathrop	---	---	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
400:									
Annaw	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Ardivay	---	---	---	---	0	---	Low	High	Low
402:									
Annaw	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
410:									
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
410: Unsel	---	---	---	---	0	---	Low	High	Low
411: Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
413: Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
414: Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
420: Vigus	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
420: Unsel	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
421: Vigus	---	---	---	---	0	---	Low	High	Low
Fuegosta	Duripan	14-20	4-17	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
422: Vigus	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
430: Slaw	---	---	---	---	0	---	Moderate	High	High
Playas	---	---	---	---	0	---	None	High	High
431: Slaw	---	---	---	---	0	---	Moderate	High	High

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
431:									
Kawich	---	---	---	---	0	---	Low	High	Low
Nuyobe	---	---	---	---	0	---	High	High	High
Playas	---	---	---	---	---	---	---	---	---
432:									
Slaw	---	---	---	---	0	---	Moderate	High	High
Kawich	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	0	---	None	High	High
433:									
Slaw	---	---	---	---	0	---	Moderate	High	High
Slaw	---	---	---	---	0	---	Moderate	High	High
Cirac	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
440:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
440: Wardenot	---	---	---	---	0	---	Low	High	Low
Unsel	---	---	---	---	0	---	Low	High	Low
Yomba	---	---	---	---	0	---	Low	High	Low
442: Wardenot	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
443: Wardenot	---	---	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
444: Wardenot	---	---	---	---	0	---	Low	High	Low
Terlco	---	---	---	---	0	---	Low	High	Moderate
Badland	---	---	---	---	---	---	---	---	---

445:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
445: Wardenot	---	---	---	---	0	---	Low	High	Low
Gynelle	---	---	---	---	0	---	Low	High	Low
Stonell	---	---	---	---	0	---	Low	High	Low
446: Wardenot	---	---	---	---	0	---	Low	High	Low
Annaw	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
447: Wardenot	---	---	---	---	0	---	Low	High	Low
Annaw	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
449: Stonell	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
449: Wardenot	---	---	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
450: Cirac	---	---	---	---	0	---	Low	High	High
Cirac	---	---	---	---	0	---	Low	High	High
Oriocto	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
451: Cirac	---	---	---	---	0	---	Low	High	High
Luning	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	---	---	---	---	---
452: Cirac	---	---	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
452:									
Rustigate	---	---	---	---	0	---	High	High	Low
Settlement	---	---	---	---	0	---	High	High	High
Haplaquolls	---	---	---	---	---	---	---	---	---
453:									
Cirac	---	---	---	---	0	---	Low	High	High
Gynelle	---	---	---	---	0	---	Low	High	Low
Oricto	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
454:									
Cirac	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	0	---	None	High	High
Kawich	---	---	---	---	0	---	Low	High	Low
455:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
455:									
Cirac	---	---	---	---	0	---	Low	High	High
Kawich	---	---	---	---	0	---	Low	High	Low
Cirac	---	---	---	---	0	---	Low	High	High
460:									
Tomel	Duripan	10-20	4-17	---	0	---	Low	High	Low
Ardivey	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
462:									
Tomel	Duripan	10-20	4-17	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
470:									
Ardivey	---	---	---	---	0	---	Low	High	Low
Unsel	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
470: Wardenot	---	---	---	---	0	---	Low	High	Low
471: Ardivey	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
472: Ardivey	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Lyda	Duripan	8-14	4-17	---	0	---	Low	High	Low
473: Ardivey	---	---	---	---	0	---	Low	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
475: Ardivey	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
475:									
Izo	---	---	---	---	0	---	Low	High	Low
Tomel	Duripan	10-20	4-17	---	0	---	Low	High	Low
476:									
Ardivey	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
477:									
Ardivey	---	---	---	---	0	---	Low	High	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
480:									
Stonell	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
480: Izo	---	---	---	---	0	---	Low	High	Low
481: Stonell	---	---	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Wardenot	---	---	---	---	0	---	Low	High	Low
482: Stonell	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
484: Stonell	---	---	---	---	0	---	Low	High	Low
Gynelle	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low

490:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
490: Weepah	Bedrock (paralithic)	4-12	---	---	0	---	Moderate	High	Moderate
Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
491: Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Weepah	Bedrock (paralithic)	4-12	---	---	0	---	Moderate	High	Moderate
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
492: Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
Weepah	Bedrock (paralithic)	4-12	---	---	0	---	Moderate	High	Moderate
Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
501: Eaglepass	Bedrock (lithic)	4-6	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
501: Rock Outcrop	---	---	---	---	---	---	---	---	---
510: Silverbow	Duripan	8-14	4-17	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
511: Silverbow	Duripan	8-14	4-17	---	0	---	Low	High	Low
Annaw	---	---	---	---	0	---	Low	High	Low
Ardivey	---	---	---	---	0	---	Low	High	Low
520: Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Dumps	---	---	---	---	---	---	---	---	---
Izo	---	---	---	---	0	---	Low	High	Low

540:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
540: Veet	---	---	---	---	0	---	Moderate	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
541: Veet	---	---	---	---	0	---	Moderate	High	Low
Haplaquolls	---	---	---	---	---	---	---	---	---
542: Veet	---	---	---	---	0	---	Moderate	High	Low
Laxal	---	---	---	---	0	---	Low	High	Moderate
543: Veet	---	---	---	---	0	---	Moderate	High	Low
Veet Variant	---	---	---	---	0	---	Moderate	High	Low
544: Ardivey	---	---	---	---	0	---	Low	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
544: Espint	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
550: Luning	---	---	---	---	0	---	Low	High	Low
Timper	Duripan	10-20	---	---	0	---	Low	High	Low
Gynelle	---	---	---	---	0	---	Low	High	Low
551: Luning	---	---	---	---	0	---	Low	High	Low
Sodaspring	---	---	---	---	0	---	Low	High	Moderate
552: Luning	---	---	---	---	0	---	Low	High	Low
Candelaria	---	---	---	---	0	---	Low	High	High
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
560: Unsel Variant	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
560: Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Espint	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
570: Espint	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Espint	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
571: Espint	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
590: Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Espint	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
590: Dumps	---	---	---	---	---	---	---	---	---
591: Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Unsel	---	---	---	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
592: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
593: Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low

600:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
600:									
Trailamp	Bedrock (paralithic)	7-14	---	---	0	---	Moderate	High	Low
Sylvaniam	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
601:									
Trailamp	Bedrock (paralithic)	7-14	---	---	0	---	Moderate	High	Low
Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
610:									
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Logring	Bedrock (lithic)	7-14	---	---	0	---	Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
611:									
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Trailamp	Bedrock (paralithic)	7-14	---	---	0	---	Moderate	High	Low
612:									
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
612: Weepah	Bedrock (paralithic)	4-12	---	---	0	---	Moderate	High	Moderate
620: Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Tulecan	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
622: Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Alcan	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
623: Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Tulecan	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
624: Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
624:									
Alcan	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Thike	Bedrock (lithic)	5-14	---	---	0	---	Moderate	Moderate	Low
630:									
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	24-28	---	---					
Kiote	---	---	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
631:									
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	24-28	---	---					
Squawtip	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
632:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
632:									
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	24-28	---	---					
Ravenswood Variant	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
633:									
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	24-28	---	---					
Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Ravenswood	Bedrock (lithic)	30-40	---	---	0	---	Moderate	Moderate	Low
640:									
Logring	Bedrock (lithic)	7-14	---	---	0	---	Moderate	High	Low
Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low

641:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
641: Logring	Bedrock (lithic)	7-14	---	---	0	---	Moderate	High	Low
Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Armespan Variant	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
650: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
651: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
652: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
652: Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
653: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
654: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
Espint	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
655: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
655: Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
656: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Beelem	Bedrock (lithic)	3-9	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
658: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
660: Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
660: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
661: Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
680: Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
681: Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
682:									
Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
683:									
Malmesa	Duripan	14-20	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	14-20	---	---					
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
690:									
Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

691:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
691: Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
692: Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
693: Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
700: Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Blappert	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
700: Advokay	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
701: Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Tulecan	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
702: Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Blappert	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
703: Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
704: Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
704: Rock Outcrop	---	---	---	---	---	---	---	---	---
Tulecan	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
705: Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
706: Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
Lathrop	---	---	---	---	0	---	Low	High	Low
710: Tokoper	Duripan	8-14	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	8-15	---	---					
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low

711:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
711: Tokoper	Duripan	8-14	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	8-15	---	---					
Ardivey	---	---	---	---	0	---	Low	High	Low
712: Tokoper	Duripan	8-14	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	8-15	---	---					
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
713: Tokoper	Duripan	8-14	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	8-15	---	---					
Upspring	Bedrock (lithic)	4-14	---	---	0	---	None	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
715: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
715: Tokoper	Duripan	8-14	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	8-15	---	---					
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
720: Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Weepah	Bedrock (paralithic)	4-12	---	---	0	---	Moderate	High	Moderate
721: Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
723: Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
723: Rock Outcrop	---	---	---	---	---	---	---	---	---
724: Penelas	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Weepah	Bedrock (paralithic)	4-12	---	---	0	---	Moderate	High	Moderate
730: Koyen	---	---	---	---	0	---	Low	High	Low
Stumble	---	---	---	---	0	---	Low	High	Low
Penoyer	---	---	---	---	0	---	Moderate	High	Low
741: Tulecan	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Armoine	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low

760:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
760: Lazan	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
761: Lazan	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Low
Squawtip	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
770: Alcan	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Alcan	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
780: Lyda	Duripan	8-14	4-17	---	0	---	Low	High	Low
Ardivay	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
780: Izo	---	---	---	---	0	---	Low	High	Low
781: Lyda	Duripan	8-14	4-17	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
Lathrop	---	---	---	---	0	---	Low	High	Low
790: Handpah	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
Zadvar	Duripan	10-14	4-17	---	0	---	Moderate	High	Low
Lyda	Duripan	8-14	4-17	---	0	---	Low	High	Low
791: Handpah	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
792: Handpah	Duripan	14-20	4-17	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
792: Breko	---	---	---	---	0	---	Moderate	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
793: Handpah	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
794: Handpah	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
Tomel	Duripan	10-20	4-17	---	0	---	Low	High	Low
Breko	---	---	---	---	0	---	Moderate	High	Low
800: Garhill	Duripan	7-14	4-17	---	0	---	Low	High	Low
	Bedrock (lithic)	12-30	---	---					
Upspring	Bedrock (lithic)	4-14	---	---	0	---	None	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

811:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
811: Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
812: Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
813: Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
820: Thike	Bedrock (lithic)	5-14	---	---	0	---	Moderate	Moderate	Low
Alcan	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
821: Thike	Bedrock (lithic)	5-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
821: Thike	Bedrock (lithic)	5-14	---	---	0	---	Moderate	Moderate	Low
830: Yermo	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	---	High	Low
831: Yermo	---	---	---	---	0	---	Low	High	Low
Skelon	Duripan	20-40	4-17	---	0	---	Low	High	Low
833: Yermo	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	---	High	Low
Skelon	Duripan	20-40	4-17	---	0	---	Low	High	Low
851: Skelon	Duripan	20-40	4-17	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
851: Yermo	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	Low	High	Low
860: Orwash	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	---	High	Low
Playas	---	---	---	---	---	---	---	---	---
861: Orwash	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	---	High	Low
Arizo	---	---	---	---	0	---	Low	High	Low
871: Arizo	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	---	High	Low

880:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
880:		In	In		In	In			
Scottcas	---	---	---	---	0	---	Low	High	Moderate
Yermo	---	---	---	---	0	---	Low	High	Low
881:									
Scottcas	---	---	---	---	0	---	Low	High	Moderate
Skelon	Duripan	20-40	4-17	---	0	---	Low	High	Low
Yermo	---	---	---	---	0	---	Low	High	Low
900:									
Playas	---	---	---	---	0	---	None	High	High
901:									
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
Belcher	Duripan	5-18	4-17	---	0	---	Low	High	Low
	Bedrock (paralithic)	10-20	---	---					
Belted	Duripan	6-14	4-17	---	0	---	Low	High	Low
902:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
902: Slickens	---	---	---	---	0	---	None	High	High
905: Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
910: Stargo	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	0	---	None	High	High
920: Fuegosta	Duripan	14-20	4-17	---	0	---	Low	High	Low
Tomel	Duripan	10-20	4-17	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
921: Fuegosta	Duripan	14-20	4-17	---	0	---	Low	High	Low
Unsel	---	---	---	---	0	---	Low	High	Low
931:									

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
931: Laxal	---	---	---	---	0	---	Low	High	Moderate
Wardenot	---	---	---	---	0	---	Low	High	Low
Ardivey	---	---	---	---	0	---	Low	High	Low
940: Belted	Duripan	6-14	4-17	---	0	---	Low	High	Low
Keefa	---	---	---	---	0	---	Low	High	Low
941: Belted	Duripan	6-14	4-17	---	0	---	Low	High	Low
Lathrop	---	---	---	---	0	---	Low	High	Low
950: Sylvaniam	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Logring	Bedrock (lithic)	7-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

960:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
960: Beano	Duripan	15-20	4-17	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
961: Beano	Duripan	15-20	4-17	---	0	---	Low	High	Low
Annaw	---	---	---	---	0	---	Low	High	Low
Wardenot	---	---	---	---	0	---	Low	High	Low
970: Blappert	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
Pumel	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
971: Blappert	Bedrock (paralithic)	6-14	---	---	0	---	Low	High	Low
Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
980: Geer	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
990: Sodaspring	---	---	---	---	0	---	Low	High	Moderate
Izo	---	---	---	---	0	---	Low	High	Low
1000: Keefa	---	---	---	---	0	---	Low	High	Low
Itme	---	---	---	---	0	---	Low	High	Low
1010: Scottcas Variant	Duripan	8-14	4-17	---	0	---	Low	High	Low
1020: Upspring	Bedrock (lithic)	4-14	---	---	0	---	None	High	Low
1021: Upspring	Bedrock (lithic)	4-14	---	---	0	---	None	High	Low
Skelon	Duripan	20-40	4-17	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

1030:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1030: Papoose	---	---	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Cirac	---	---	---	---	0	---	Low	High	High
1031: Papoose	---	---	---	---	0	---	Low	High	Low
1032: Papoose	---	---	---	---	0	---	Low	High	Low
Cirac	---	---	---	---	0	---	Low	High	High
1033: Papoose	---	---	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
1034: Papoose	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1035:									
Papoose	---	---	---	---	0	---	Low	High	Low
Stumble	---	---	---	---	0	---	Low	High	Low
1050:									
Beelem	Bedrock (lithic)	3-9	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
1060:									
Wrango	---	---	---	---	0	---	Low	High	Low
Zadvar	Duripan	10-14	4-17	---	0	---	Moderate	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
1070:									
Squawtip	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1070: Rock Outcrop	---	---	---	---	---	---	---	---	---
1080: Ravenswood	Bedrock (lithic)	30-40	---	---	0	---	Moderate	Moderate	Low
Wahguyhe	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
1081: Ravenswood	Bedrock (lithic)	30-40	---	---	0	---	Moderate	Moderate	Low
Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
1090: Zibate	Bedrock (lithic)	4-20	---	---	0	---	---	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
1120: Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1120: Entero	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	High	Low
1121: Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
1122: Ardivey	---	---	---	---	0	---	Low	High	Low
Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
1123: Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low

1124:

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1124: Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Slatery	Bedrock (paralithic)	4-12	---	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
1125: Rodad	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
1140: Handpah Variant	---	---	---	---	0	---	Low	Moderate	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
Veet Variant	---	---	---	---	0	---	Moderate	High	Low
1150: Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1150: Squawtip	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
1151: Brier	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
1160: Mohocken	Bedrock (paralithic)	20-30	---	---	0	---	Moderate	Moderate	Low
Cucamungo	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
Ravenswood	Bedrock (lithic)	30-40	---	---	0	---	Moderate	Moderate	Low
1200: Armespan Variant	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
Handpah	Duripan	14-20	4-17	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Esmeralda County Area, Nevada

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1200: Ubehebe	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	High	Low
1210: Armespan	---	---	---	---	0	---	Moderate	High	Low
Zadvar	Duripan	10-14	4-17	---	0	---	Moderate	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
1220: Miscellaneous Water	---	---	---	---	---	---	---	---	---
1221: Water	---	---	---	---	---	---	---	---	---